RESPONSE
Examiner: **HENRY, Mariegeorges A**

Serial No.: 10/540,909
Atty. Docket No.: **602-L**

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) <u>Computer readable media tangibly comprising instructions which, when executed by a processor, cause the processor to implement a</u> ~~A~~ method of improving the accuracy of an estimate of computing system resource usage, comprising<u>:</u> ~~the steps of,~~

> obtaining ~~utilisation~~ <u>utilization</u> data of a system resource,
>
> obtaining first transaction count data, ~~wherein~~ the first transaction count data ~~provides~~ <u>providing</u> an indication of the number of transactions executed in a given time interval,
>
> obtaining further transaction count data, ~~wherein~~ the further transaction count data <u>comprising</u> ~~contains~~ additional information relating to the execution time of a transaction <u>and a count of the total number of transactions that have not finished execution within a given time interval</u>, and
>
> processing the transaction count data<u>, the utilization data,</u> and the further transaction count data<u>,~~wherein the processed data provides~~ <u>to provide</u> an improved estimate of the number of transactions executed during a given time interval.

2. (Canceled)

3. (Original) <u>The computer readable media of</u> ~~A method in accordance with~~ claim 1, wherein the further transaction count data comprises a data set containing the start time and finish time for each transaction executed.

4. (Original) <u>The computer readable media of</u> ~~A method in accordance with~~ claim 3, wherein the data set is processed to determine a proportion of time expended by a transaction within the given time interval and an adjacent time interval.

5. (Currently Amended) <u>The computer readable media of</u> ~~A method in accordance with~~ claim ~~2~~ <u>1</u>, wherein processing includes the step of allocating the count of the total number of transactions, by an appropriate proportion, between an adjacent time interval and the given time interval.

6. (Original) <u>The computer readable media of</u> ~~A method in accordance with~~ claim 5, wherein the appropriate proportion is 0.5.

7. (Original) <u>The computer readable media of</u> ~~A method in accordance with~~ claim 1, wherein the further transaction data comprises a data set obtained by calculating the average transaction processing time for a given transaction type, and using the average transaction processing

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time to derive an estimate of the transaction time to be allocated to an individual transaction within a given time interval.

8. (Original) The computer readable media of ~~A method in accordance with~~ any one of the preceding claims, ~~wherein the method comprises the~~ further comprising instructions which, when executed by the processor, cause the processor to apply ~~step of applying~~ a mathematical model to the estimate of the number of transactions to provide an estimate of resource usage for individual transaction types within the computing environment.

9. (Currently Amended) A computing system arranged to facilitate the estimation of resource usage within a computer environment, comprising:

a data gathering means arranged to obtain utilization ~~utilisation~~ data of a computer resource and first transaction count data, wherein the first transaction count data provides an indication of the number of transactions executed in a given time interval,

further data gathering means arranged to gather further transaction count data, wherein the further transaction count data contains additional information with regard to the execution time of a transaction and a count of the total number of transactions that have not finished execution within a given time interval, and

a processor ~~processing means~~ arranged ~~arranges~~ to process the first transaction count data, the utilization data, and the further transaction count data, whereby the processed data provides an improved estimate of the number of transactions executed during a given time interval.

10. (Canceled)

11. (Original) A system in accordance with claim 9, wherein the further data gathering means is arranged to log the start time and finish time for each transaction.

12. (Original) A system in accordance with claim 11, wherein the processing means is arranged to process the data set to determine a proportion of time expended by a transaction within the given time interval and an adjacent time interval.

13. (Currently Amended) A system in accordance with claim 9 ~~10~~, wherein the processing means is arranged to allocate the count of the total number of transactions, by an appropriate proportion, between an immediately preceding time interval and the given time interval.

14. (Original) A method in accordance with claim 13, wherein the appropriate proportion is 0.5.

15. (Original) A system in accordance with claim 9, further comprising calculation means, arranged to calculate the average transaction processing time for a given transaction type,

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and further calculate an estimate of the transaction time to be allocated to an individual transaction within a given time interval.

16. (Canceled)

17. (Canceled)